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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/556,280	04/24/2000	Henry F. McNemey	L0532/7010	7997

7590 06/13/2002

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EXAMINER

ROSENBERGER, RICHARD A

ART UNIT PAPER NUMBER

2877

DATE MAILED: 06/13/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.  
09/556,280

Applicant(s)  
McInerney et al

Examiner  
Richard Rosenberger

Art Unit  
2877



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_\_
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-85 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claims 1-85 are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_ 6) ☐ Other:

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:

I. Claims 1-11, drawn to method of selecting a light sensitive compound, classified in class 356, subclass 36.

II. Claims 12-23, drawn to a detection device for detecting a mark on a substrate, classified in class 348, subclass 161.

III. Claims 24-31, drawn to an authentication mark, classified in class 356, subclass 71.

IV. Claims 32-41, drawn to an authentication system, classified in class 356, subclass 417.

V. Claims 42-50, drawn to a method of resolving an image, classified in class 382, subclass 112.

VI. Claims 54-69 and 83-85, drawn to an ink, classified in class 106, subclass 31.15.

VII. Claim 70- 74, drawn to a method of conveying information, classified in class 250, subclass 559.01.

VIII. Claims 75-77, drawn to a means for illuminating an object, classified in class 362, subclass 293.

IX. Claims 78-80, drawn to a device for viewing a mark, the device having a touchscreen, classified in class 345, subclass 173.

X. Claim 81, drawn to a device for viewing an object, the device having a display for displaying information in a predetermined color, classified in class 345, subclass 151.

XI. Claim 82, drawn to a device for viewing an object, the device having means to provide a flash of light, classified in class 348, subclass 371

2. The different invention are distinct form each other; each require details not required by the others. None of the other inventions require inks selected by the method of group I. None of the other inventions require "snapshot display" of group II. Only group III requires the details of the mark claimed therein. Group IV has details not required by the other groups. The processing of group V is unique to that invention. None of the other groups require the particular ink of group VI with an electrostatically dispersed compound. Only group VII requires emission of one compound in the IR range and forming a ratio, The arrangement of group VIII has utility in areas beyond the other groups. Only group IX requires a touchscreen, and only group X requires means to display results in a predetermined color. Providing a flash of light to illuminate an object has utility separate form and beyond the other groups.

3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification,

different searches, and different subject matter that would raise different and divergent issues and thus require different examination and consideration, restriction for examination purposes as indicated is proper.

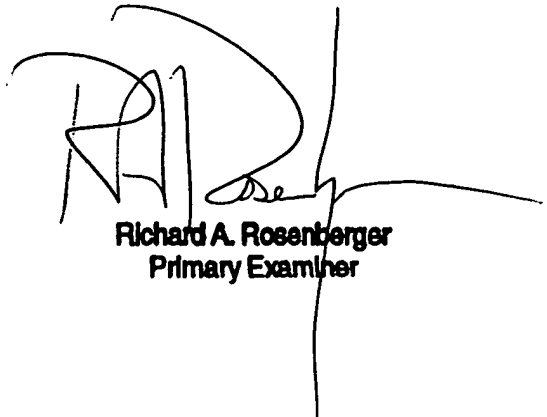
4. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

5. Papers related to this application may be submitted to Group 2800 by facsimile transmission. The faxing of such papers must conform to the notice published in the Official Gazette, 1096 OG 30 (15 November 1989). The fax number is (703) 308-7722.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to R. A. Rosenberger whose telephone number is (703) 308-4804.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0956.

R. A. Rosenberger  
11 June 2002



Richard A. Rosenberger  
Primary Examiner